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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Tadataka EDAMURA, et al.

Application No.: 10/776,615

Examiner: Unassigned

Filed: February 12, 2004

Group Art Unit: Unassigned

For: QUANTUM CASCADE LASER

Commissioner for Patents Arlington, VA 22202

SUBMISSION OF REPLACEMENT DRAWINGS

Filed herewith are 19 replacement sheets of drawings containing Figures 21.

These replacement sheets of drawings are submitted to improve the form of the drawings.

It is requested that these drawings be approved and made part of the official record in the above-identified patent application.

If there are any fees due in connection with the filing of these drawings, please charge the fees to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

By:

John G. Smith Reg. No. 33,818

Dated: April 7, 2004

Customer No. 009629 MORGAN, LEWIS & BOCKIUS LLP 1111 Pennsylvania Avenue, N.W. Washington, D.C. 20004 (202) 739-3000